

Wireless Motion Detector and Brightness Sensor FBH65TFB-wg



FBH65TFB-wg Wireless motion detector and brightness sensor

Wireless motion detector and brightness sensor with temperature and humidity sensor pure white glossy for surface mounting 84x84x39 mm or mounting into the E-design switching system. Power supply from 12V DC switch mode power supply unit or batteries (lifetime 3 years). Standby loss only 1mW. Brightness from 10 to 2000 Lux, temperature -20°C to +60°C, humidity 0% to 100%. Smart Home sensor.

In delivery state, the battery is empty and must be charged before startup. Either using the red/black 12V DC connecting wire for approx. 3 minutes or by inserting two AAA batteries (not included in scope of supply) for approx. 10 minutes.

In normal mode, power is supplied either by an FSNT61-12V/6W 12V DC switch mode power supply unit connected by cable to a flush-mounted box under the sensor, or by AAA batteries. If the connecting cable is no longer required, it can be cut off. Then the sensor requires no installation depth behind the mounting plate and can be screwed to any flat surface.

The complete module can be removed from the frame for screw mounting.

We recommend stainless-steel countersunk screws 2.9x25 mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25 mm and with 55 mm switch boxes. Set of 2 stainless-steel countersunk screws 2.9x25 mm and plugs 5x25 mm are enclosed.

To teach-in an actuator in teach-in mode, hold the supplied blue magnet or any other available magnet below the point on the side panel of the sensor marked by ■. This sends a teach-in telegram. First use the rotary switches to select the teach-in telegram to be transmitted for the time setting and the brightness threshold.

A red LED behind the Fresnel lens confirms transmission of the teach-in telegram by flashing briefly.

In delivered state, only **the pushbutton telegram** is activated. If the brightness threshold and motion detection settings are undershot, an 'on' pushbutton telegram is immediately sent twice to the Eltako wireless network. An 'off' pushbutton telegram is sent once on expiry of the time delay setting.

If **an FBH data telegram** is activated, a motion detection telegram is immediately sent twice.

A switch-off telegram is sent once after approx. 1 minute without any motion detected. If a change in brightness of min. 10 Lux occurs, a telegram is sent every 100 seconds.

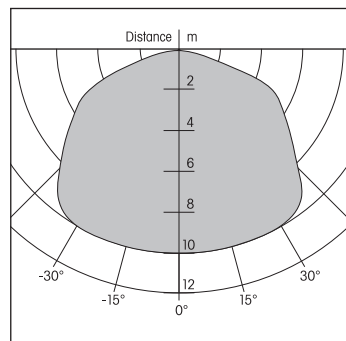
If **a TF data telegram** is activated, a telegram is sent immediately on motion detection, every 100 seconds if the temperature changes by min. 0.6°C or if the air humidity changes by at least 2%.

If no change occurs, a status telegram containing all the active data telegrams is sent approx. every 17 minutes.

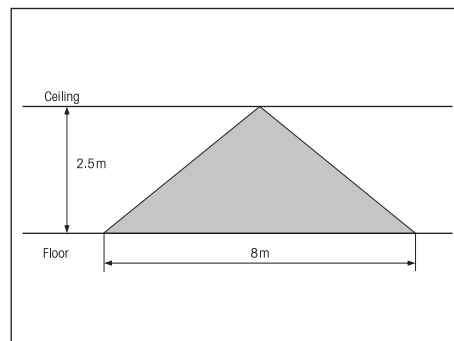
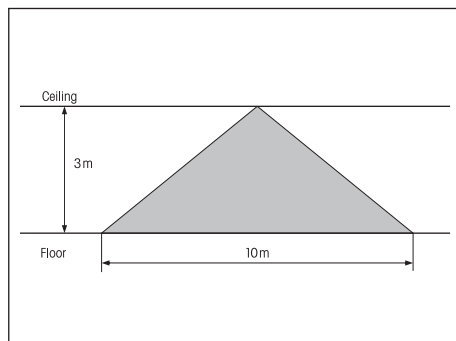
The pushbutton telegram and the FBH and TF telegrams can be activated together.

The rotary switches for setting the time delay (1-10 minutes) and the brightness threshold (10-2000 Lux) are only evaluated for the pushbutton telegram and have no impact on the FBH data telegram.

Wall mounting



Ceiling mounting



The wireless sensor can be taught-in into the following actuators and the Wireless Building Visualization and Control Software: Pushbutton telegram in all actuators with central control, FBH data telegrams in all FSR and FHK, TF data telegrams in FHK14, FHK61 and F4HK14

FBH65TFB-wg	Motion/brightness sensor, pure white glossy	EAN 4010312315774	149,80 €/pc.
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